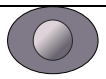
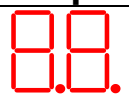
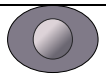
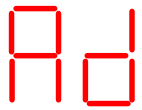
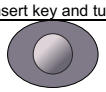
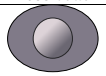
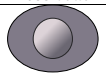
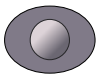
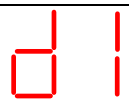
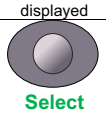
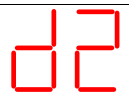
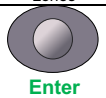
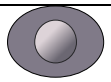
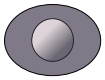
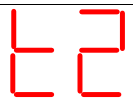
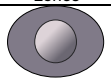
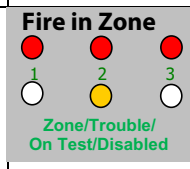
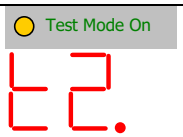
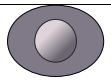
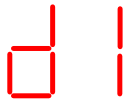
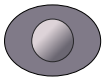
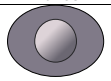
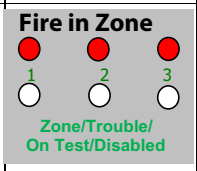
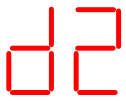
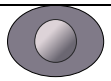
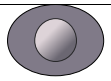
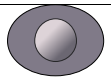
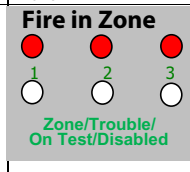
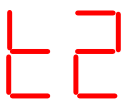
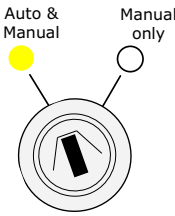
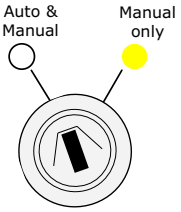
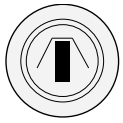
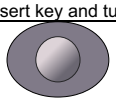
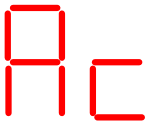
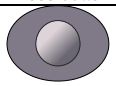
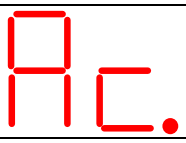
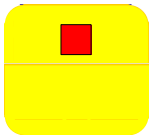
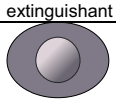
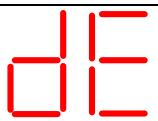
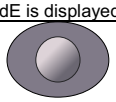
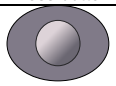
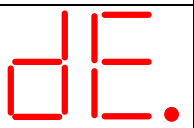
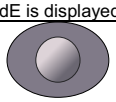
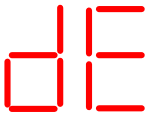
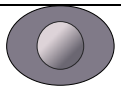
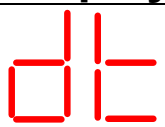
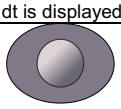
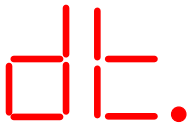
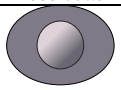
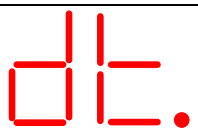
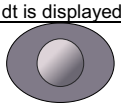
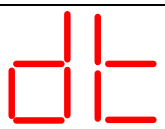
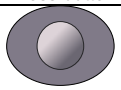
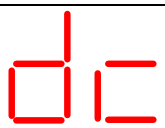
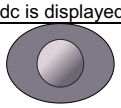
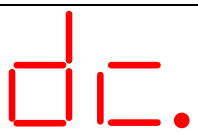
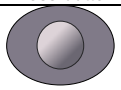
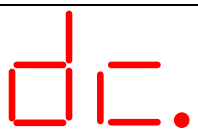
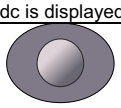
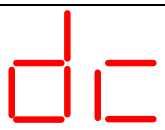
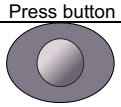
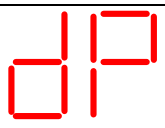
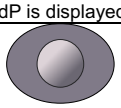
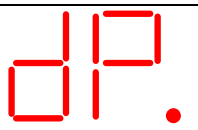
Operating Instructions

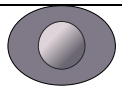
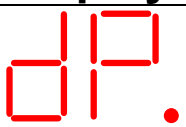
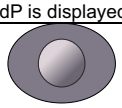
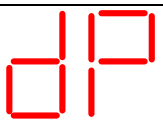
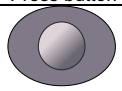
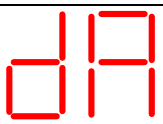
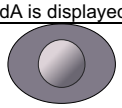
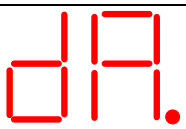
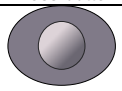
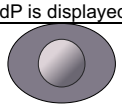
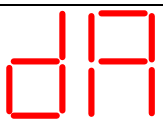
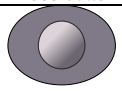
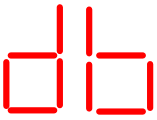
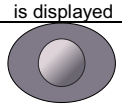
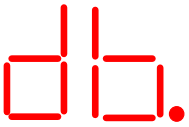
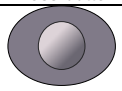
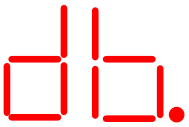
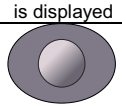
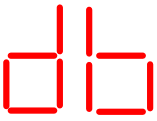
This section provides operating instructions, Man-1146 (K / VF1825-00) for the Elite XT / Sigma A-XT Releasing Fire Control Panel. These operating instructions shall be placed on the cabinet-front or on a separate sheet that can be framed and located adjacent to the control unit:

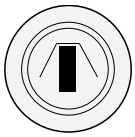
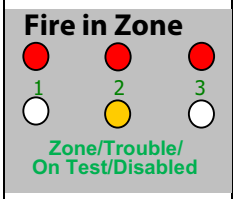
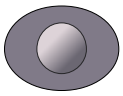
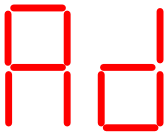
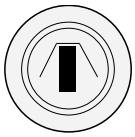
How To	Do This	Display	Comments
Test lamps	 **Lamp Test** Press button	 All lamps on	Buzzer sounds whilst button is pressed
Silence buzzer	 **Silence Buzzer** Press button	Buzzer Silenced	
Enable buttons	**Enable Access** Insert key and turn		Buzzer beeps twice every seven seconds
Silence alarms	 **Silence/Sound Alarm** Press button	Buzzer Silenced	
Sound alarms	 **Silence/Sound Alarm** Press button	Fire	Buzzer beeps urgently
Reset	 **Reset** Press button	All trouble indicators flash for 3 seconds	Resets fire detection system. Extinguishant system will reset only after the extinguishant has been released
Disable a zone step 1	 **Mode** Press button till d1 displayed	 First display	
Disable a zone step 2	 **Select** Press button to scroll zones	 Zone 2	
Disable a zone step 3	 **Enter** Press button	**Fire in Zone** 1 2 3 Zone/Trouble/ On Test/Disabled Zone 2 fault LED lit	General Disablement Dot flashes when disabled

How To	Do This	Display	Comments
Put a zone into test mode step 1	 **Mode** Press button till t1 displayed	 First display	
Put a zone into test mode step 2	 **Select** Press button to scroll zones	 Zone 2	
Put a zone into test mode step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Trouble/ On Test/Disabled** Zone 2 trouble LED lit	 Test Mode On Dot flashes when disabled
Enable a zone step 1	 **Mode** Press button till d1 displayed	 First display	
Enable a zone step 2	 **Select** Press button to scroll zones	 Zone 2	Disabled zones will have flashing dot.
Enable a zone step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Trouble/ On Test/Disabled** Zone fault LED off	 Dot stops flashing when enabled
Exit test mode step 1	 **Mode** Press button	 First display	
Exit test mode step 2	 **Select** Press to scroll zones	 Zone 2	Zones in test mode will have flashing dot
Exit test mode step 3	 **Enter** Press button	 **Fire in Zone** 1 2 3 **Zone/Trouble/ On Test/Disabled** Zone 1 trouble LED off	 Dot stops flashing when test mode exited

How To	Do This	Display	Comments
Change from Manual only to Automatic and Manual and vice versa	 Insert key and turn		
Start Extract fan	**Enable Access**  Insert key and turn		
Press Mode button till Ac appears in display	 **Enter** Press button		
Press Enter button again to turn extract fan on **Press Enter button again to turn extract fan off**	 **Enter** Press button		Dot flashes to indicate extract active. Dot stops flashing to indicate extractive inactive
Manually release the extinguishant **CAUTION**	Pull down flap and press button to release extinguishant		Extinguishant will release after time displayed in seconds on the countdown timer
Disable extinguishant control step 1	 **Mode** Press mode button till dE is displayed		
Disable extinguishant control step 2	 **Enter** Press button		Dot flashes to indicate extinguishant control is disabled
Enable extinguishant control step 1	 **Mode** Press mode button till dE is displayed		Flashing dot indicates extinguishant control disabled
Enable extinguishant control step 2	 **Enter** Press button		Dot stops flashing to indicate extinguishant control enabled

How To	Do This	Display	Comments
Disable manual release step 1	 **Mode** Press mode button till dt is displayed		
Disable manual release step 1	 **Enter** Press button		Dot flashes to indicate Manual release is disabled
Enable Manual release step 1	 **Mode** Press mode button till dt is displayed		Flashing dot indicates Manual release disabled
Enable Manual release step 2	 **Enter** Press button		Dot stops flashing to indicate Manual release enabled
Disable extract fan step 1	 **Mode** Press mode button till dc is displayed		
Disable extract fan step 2	 **Enter** Press button		Dot flashes to indicate Extract fan is disabled
Enable extract fan step 1	 **Mode** Press mode button till dc is displayed		Flashing dot indicates extract fan disabled
Enable extract fan step 2	 **Enter** Press button		Dot stops flashing to indicate Extract fan enabled
Disable first stage relay output step 1	 **Mode** Press mode button till dP is displayed		
Disable first stage relay output step 2	 **Enter** Press button		Dot flashes to indicate first stage relay output is disabled

How To	Do This	Display	Comments
Enable first stage relay output step 1	 **Mode** Press mode button till dP is displayed		Flashing dot indicates first stage relay output disabled
Enable first stage relay output step 2	 **Enter** Press button		Dot stops flashing to indicate first stage relay output enabled
Disable second stage relay output step 1	 **Mode** Press mode button till dA is displayed		
Disable second stage relay output step 2	 **Enter** Press button		Dot flashes to indicate second stage relay output is disabled
Enable second stage relay output step 1	 **Mode** Press mode button till dP is displayed		Flashing dot indicates second stage relay output disabled
Enable second stage relay output step 2	 **Enter** Press button		Dot stops flashing to indicate second stage relay output enabled
Disable first stage sounders step 1	 **Mode** Press mode button till db is displayed		
Disable first stage sounders step 1	 **Enter** Press button		Dot flashes to indicate first stage sounders are disabled
Enable first stage sounders step 1	 **Mode** Press mode button till db is displayed		Flashing dot indicates first stage sounders disabled
Enable first stage sounders step 2	 **Enter** Press button		Dot stops flashing to indicate first stage sounders enabled

How To	Do This	Display	Comments
Step 1 **Reset the fire control panel after an abort function**	**Enable Access**  Insert key and turn **Press and hold Abort switch while turning Enable Access key to the right.**		**Buzzer sounds.**
Step 2	 **Reset** Press button		**Fire Control Panel resets after pressing the Reset button. Fire In Zone LED indicators are not illuminated.** **Buzzer is silenced.** **Release and Abort conditions have been terminated.**
Step 3	**Enable Access**  Insert key and turn **Turn Enable Access key to the left.**		**LED display of step 2 is blank.**

Inspecting Batteries

Inspect the standby-batteries annually to determine the connection integrity to the Elite XT / Sigma A-XT Releasing Fire Control Panel. The fire control panel contains sealed lead acid batteries to provide standby power in the event of mains failure. The standby-batteries have a life expectancy of 3 to 5 years. Test the standby-batteries annually in accordance with the battery manufacturer's recommendations to determine their suitability for continued standby operation.

Replacing Standby-Batteries

Replace standby-batteries when the service period reaches 3 to 5 years or when the low-battery indicator illuminates on the power supply. Specify replacement batteries that are Power Sonic model PS-1270 F2, sealed-lead-acid, 12 VDC and 7 AH.

Related Documentation

The following documents shall be used to provide additional information for installing and operating the VF1810 or K1810 series Elite XT / Sigma A-XT Releasing Fire Control Panel:

- Installation and Operation Manual, Man-1145 (K / VF1812-00), Revision E02.XX
- Wiring Diagram, Man-1147 (K / VF1827-00), Revision E06.XX
- UL Compliance Label, K / VF1826-00, Revision E02.XX

Emergency Contact

IN THE EVENT OF TROUBLE
CONTACT
NAME
ADDRESS
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